

Special Issue

Advances in Multilevel Converter/Inverter Topologies and Applications

Message from the Guest Editors

Topics of interest include, but are not limited to, the following:

- Converter topologies for high-power motor drives;
- Converters for renewable energy applications;
- Converters for grid-connected applications such as active front-end, active filter, STATCOM, FACTS, smart transformers, etc;
- Converters for high-voltage DC transmission systems;
- Rectifiers and applications in regenerative systems;
- New modulation strategies and control strategies for high-power converters;
- Common mode voltage reduction methods in high-power inverters;
- Fault tolerant capability of high-power converters;
- High efficiency high-power converters;
- Multilevel multiphase converters;
- New medium-voltage high-power converter topologies;
- Active lifespan management methods.

Guest Editors

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Prof. Dr. Samir Kouro

Dr. Abraham Marquez Alcaide

Deadline for manuscript submissions

closed (31 August 2023)



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About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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